

CROWELL & MORING, LLP
Intellectual Property Group
P.O. Box 14300
Washington, D.C. 20044-4300
(202) 624-2500

November 21, 2003

Customer No.
23911

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: New U.S. Patent Appln.
Our Ref: 010482.52966US

Sir:

Transmitted herewith for filing is the patent application of:

Ryusuke NODA

entitled: **OPTICAL DISC APPARATUS**

Enclosed are:

1. Specification, including 7 claims (pages 1-23).
2. 7 Sheets of formal drawings showing Figs. 1-10.
3. Application Data Sheet.
4. Executed Declaration and Power of Attorney.
5. Assignment of the invention to Funai Electric Co., Ltd.
6. Certified copy of Priority Document 2002-338152 filed in Japan on November 21, 2002, the priority of which is being claimed under 35 U.S.C. §119 and 37 C.F.R. §1.55.
7. Information Disclosure Statement w/2 references.
8. The filing fee has been calculated as shown below:

Basic Fee				\$385/770 =	\$770.00
Total Claims	7	-	20	= 0 x \$ 9/18 =	\$
Independent Claims	1	-	3	= 0 x \$ 43/86 =	\$
Multiple Dependent Claim Presented				\$145/290 =	\$
Total Filing Fee					<u>\$770.00</u>

Two checks in the amount of \$770.00 for the filing fee and \$40.00 for the assignment recording fee are enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 05-1323 (Docket #010482.52966US). A duplicate copy of this sheet is enclosed.

Respectfully submitted,



Jeffrey D. Sanok
Reg. No. 32,169

16834 U.S. PTO
10/717606
112103

